

## Product datasheet for **SC207326**

### **KRT6A (NM\_005554) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** KRT6A (NM\_005554) Human 3' UTR Clone  
**Symbol:** KRT6A  
**Synonyms:** CK-6C; CK-6E; CK6A; CK6C; CK6D; K6A; K6C; K6D; KRT6C; KRT6D; PC3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_005554  
**Insert Size:** 574 bp  
**Insert Sequence:** >SC207326 3'UTR clone of NM\_005554  
 The sequence shown below is from the reference sequence of NM\_005554. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCTCCAGCAGGAAGAGCTATAAGCACAAAGTGCCTGCTAGCTCTCGGTCCCACAGTCTCAGGCC
CCTCTCTGGCTGCAGAGCCCTCTCCTCAGGTTGCCTTTCTCTCCTGGCCTCCAGTCTCCCCTGCTGC
CCAGGTAGAGCTGGGTATGGATGCTTAGTGCCCTCACTTCTTCTCTCTCTATACCATCTGAGCAC
CCATTGCTCACCATCAGATCAACCTCTGATTTTACATCATGATGTAATCACCAGTGGAGCTTCACTGTT
ACTAAATTATAATTTCTTGCCCTCAGTGTCTATCTCTGAGGCTGAGCATTATAAGAAAATGACCTCT
GCTCCTTTTCATTGCAGAAAATTGCCAGGGCTTATTTTCAGAACAACCTCCACTTACTTTCCACTGGCT
CTCAAACCTCTCTAACTTATAAGTGTGTGAACCCCAAGGCAGTATCCATGAAAGCACAAGTGACT
AGTCCTATGATGTACAAAGCCTGTATCTCTGTGATGATTCTGTGCTCTTCGCTGTTGCAATTGCTAA
ATAAAGCAGATTATAATACAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_005554.4</a>
<b>Summary:</b>	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. As many as six of this type II cytokeratin (KRT6) have been identified; the multiplicity of the genes is attributed to successive gene duplication events. The genes are expressed with family members KRT16 and/or KRT17 in the filiform papillae of the tongue, the stratified epithelial lining of oral mucosa and esophagus, the outer root sheath of hair follicles, and the glandular epithelia. This KRT6 gene in particular encodes the most abundant isoform. Mutations in these genes have been associated with pachyonychia congenita. In addition, peptides from the C-terminal region of the protein have antimicrobial activity against bacterial pathogens. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Oct 2014]
<b>Locus ID:</b>	3853
<b>MW:</b>	21.1